

Figure 1

		50
1	MSDRQAALDM ALKQIEKQFG KGSIMKLGEQ	UEURISUVPS GSLALDAALG
2	MSDRQAALDM ALKQIEKQFG KGSIMKLGEK	TDTRISTVPS GSLALDTALG
3	MSDRQAALDM ALKQIEKQFG KGSIMKLGEK	TDTRISTVPS GSLALDTALG
4	MSDRQAALDM ALKQIEKQFG KGSIMKLGEK	TDTRISTVPS GSLALDTALG
		100
1	VGGYPRGRRII EVYGPESSGK UUVALHAIAE	VQQQGGQAAF IDADUALDPV
2	IGGYPRGRRII EVYGPESSGK TTVALHAIAE	VQEKGQAAF IDAEHALDPV
3	IGGYPRGRRII EVYGPESSGK TTVALHAIAE	VQQQR.TSAF IDAEHALDPV
4	IGGYPRGRRII EVYGPESSGK TTVALHAIAE	VQQQR.TSAF IDAEHALDPV
		150
1	YAQKLGVNID ELLSQPDUG EQALEIAEAL	VRSGAVDIVV IDSVAALVPK
2	YAQKLGVNIE ELLSQPDGTG EQALEIAEAL	VRSGAVDIVV VDSVAALVPK
3	YAQKLGVNIE ELLSQPDGTG EQALEIAEAL	VRSGAVDIVV VDSVAALVPK
4	YAQKLGVNIE ELLSQPDGTG EQALEIAEAL	VRSGAVDIVV VDSVAALVPK
		200
1	AEIEGDMGDS HVGLQARLMS QALRKLSGAI	NKSktiaIFI NQIREKVGVM
2	AEIEGDMGDS HVGLQARLMS QALRKLSGAI	NKSktiaIFI NQIREKVGVM
3	AEIEGDMGDS HVGLQARLMS QALRKLSGAI	NKSktiaIFI NQIREKVGVM
4	AEIEGDMGDS HVGLQARLMS QALRKLSGAI	NKSktiaIFI NQIREKVGVM
		250
1	FGNPEUUUPGG RALKFYSSVR LEVRRAEQLK	QGNDVMGNKU KIKVVKNKVA
2	FGNPETTPGG RALKFYSSVR LEVRRAEQLK	QGNDVMGNKT RIKVVKNKVA
3	FGNPETTPGG RALKFYSSVR LEVRRAEQLK	QGNDVMGNKT KIKVVKNKVA
4	FGNPETTPGG RALKFYSSVR LEVRRAEQLK	QGNDVMGNKT KIKVVKNKVA
		300
1	PPFRUAEVDI MYGEGISKEG EIIDLGEULD	IVQKSGAWYS YQEERLGQGR
2	PPFRTAEVDI MYGEGISKEG EIIDLGELED	IVQKSGSWYS YEEERLGQGR
3	PPFRTAEVDI MYGEGISKEG EIIDLGELED	IVQKSGSWYS YEEERLGQGR
4	PPFRTAEVDI MYGEGISKEG EIIDLGELED	IVQKSGSWYS YEEERLGQGR
		350
1	ENAKQFLKEN KDILLMIQEQQ	IREHYGLDUG GAAPAQEDEA QAQEELEF.S
2	ENAKQFLKEN KDIMLMQEQ	IREHYGLDNN G...VTEKAE EVQEELEFEE
3	ENAKQFLKEN KDIMLMQEQ	IREHYGLDNN G..VVQQQAE ETQEELEFEE
4	ENAKQFLKEN KDIMLMQEQ	IREHYGLDNN G..VVQQQAE ETQEELEFEE

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Figure 2 / Part I

50

1 ATGAGTGATC GTCAGGCAGC CTTAGATATG GCGCTTAAAC AAATAGAAAA
 2 ATGAGTGATC GTCAGGCAGC CTTAGATATG GCTCTTAAAC AAATAGAAAA
 3 ATGAGTGATC GTCAGGCAGC CTTAGATATG GCTCTTAAAC AAATAGAAAA
 4 ATGAGTGATC GTCAGGCAGC CTTAGATATG GCTCTTAAAC AAATAGAAAA

100

1 GCAGTTGGT AAAGGTTCGA TTATGAAACT CGGCGAACAA ACTGAAACGA
 2 ACAATTCCGC AAAGGTTCCA TCATGAAAGCT CGGAGAAAAAA ACGGATACAA
 3 ACAGTTCCGC AAAGGTTCCA TTATGAAACT GGGAGAAAAG ACAGATACAA
 4 ACAGTTCCGC AAAGGTTCCA TTATGAAACT GGGAGAAAAG ACAGATACAA

150

1 GAATTTCAAC AGTTCCGAGC GGTTCTTAG CGCTCGATGC GGCTCTTGGA
 2 GAATTTCAAC GGTGCCGAGC GGTTCCCTTG CACTTGATAC CGCTCTCGGA
 3 GAATTTCTAC TGTACCAAGC GGCTCCCTCG CTCTTGATAC AGCACTGGGA
 4 GAATTTCTAC TGTACCAAGC GGCTCCCTCG CTCTTGATAC AGCACTGGGA

200

1 GTGGGCGGAT ACCCGCGCGG CCGGATTATT GAAGTATAACG GGCTGAAAG
 2 ATAGGCAGGAT ACCCGCGCGG ACGGATTATT GAAGTATAACG GACCTGAAAG
 3 ATTGGCAGGAT ATCCCTCGCGG ACGGATTATT GAAGTATAACG GTCCTGAAAG
 4 ATTGGCAGGAT ATCCCTCGCGG ACGGATTATT GAAGTATAACG GTCCTGAAAG

250

1 CTCCGGTAAA ACGACGGTGG CGCTTCATGC GATTGCCGAA GTTCAGCAGC
 2 CTCAGGTAAA ACGACTGTAG CGCTTCACGC AATCGCTGAG GTTCAGGAAA
 3 CTCAGGTAAA ACAACTGTGG CGCTTCATGC GATTGCTGAA GTTCAGCAGC
 4 CTCAGGTAAA ACAACTGTGG CGCTTCATGC GATTGCTGAA GTTCAGCAGC

300

1 AGGGCGGACA AGCGGGTTC ATCGACGCCG ACACCGCGCT TGATCCCGTC
 2 AAGGCAGGACA GGCAGCATTT ATTGATGCCG AGCATGCTCT TGATCCTGTG
 3 A..GCGGACA AGC.GCGTTT ATCGATGCCG AGCATGCGTT AGATCCGGTA
 4 A..GCGGACA AGC.GCGTTT ATCGATGCCG AGCATGCGTT AGATCCGGTA

350

1 TATGCACAAA AGCTGGCGT CAACATTGAT GAGCTTTGC TGTCACAGCC
 2 TACGCGCAAA AGCTCGGTGT CAATATCGAA GAGCTGCTGC TTTCTCAGCC
 3 TACGCGCAAA AGCTCGGTGT TAACATCGAA GAGCTTTAC TGTCTCAGCC
 4 TACGCGCAAA AGCTCGGTGT TAACATCGAA GAGCTTTAC TGTCTCAGCC

Figure 2 / Part II

351 400

1 TGATACGGGC GAGCAGGCGC TCGAAATCGC TGAAGCCCTT GTCAGAAGCG
 2 GGATACGGGA GAGCAGGCGC TGGAGATTGC TGAAGCGCTG GTGCGAAGCG
 3 TGACACAGGC GAGCAGGCGC TTGAAATTGC GGAAGCATTG GTTCGAAGCG
 4 TGACACAGGC GAGCAGGCGC TTGAAATTGC GGAAGCATTG GTTCGAAGCG

401 450

1 GAGCGGTGGA TATCGTTGTC ATCGACTCTG TAGCAGCGCT TGTGCCGAAA
 2 GAGCTGTCGA TATCGTAGTC GTTGACTCTG TTGCGGCGCT TGTTCCAAAA
 3 GGGCAGTTGA CATTGTCGTT GTCGACTCTG TAGCCGCTCT CGTTCCGAAA
 4 GGGCAGTTGA CATTGTCGTT GTCGACTCTG TAGCCGCTCT CGTTCCGAAA

451 500

1 GCTGAAATCG AAGGAGATAT GGGGGATTCC CACGTCGGTT TGCAGGCCAG
 2 GCTGAAATTG AAGGTGACAT GGGTGATTCA CACGTCGGTT TACAGGCCCG
 3 GCGGAAATTG AAGGCGACAT GGGAGATTG CATGTCGGTT TACAAGCACG
 4 GCGGAAATTG AAGGCGACAT GGGAGATTG CATGTCGGTT TACAAGCACG

501 550

1 ACTGATGTCT CAGGCGCTTC GCAAGCTTTC CGGAGCGATC AATAAAATCGA
 2 TCTCATGTCT CAGGCGCTCC GTAAGCTTTC CGGCGCCATC AATAAAATCTA
 3 CTTAATGTCT CAAGCGCTTC GTAAGCTTTC AGGGGCCATT AACAAATCGA
 4 CTTAATGTCT CAAGCGCTTC GTAAGCTTTC AGGGGCCATT AACAAATCGA

551 600

1 AGACCATCGC GATCTTATC AACCAGATTC GTGAAAAAGT CGGTGTCATG
 2 AAACAATCGC AATCTTTATT AACCAGATTC GTGAAAAAGT CGGCGTTATG
 3 AGACAATCGC GATTTTCATT AACCAAATTC GTGAAAAAGT CGGTGTTATG
 4 AGACAATCGC GATTTTCATT AACCAAATTC GTGAAAAAGT CGGTGTTATG

601 650

1 TTTGGAAATC CTGAGACGAC GCCAGGCGGA AGAGCGCTGA AATTCTACTC
 2 TTCGGAAATC CGGAGACGAC ACCGGGCGGC CGCGCGCTGA AATTCTATTG
 3 TTCGGGAACC CGGAAACAAAC ACCTGGCGGC CGTGCCTTGA AATTCTATTG
 4 TTCGGGAACC CGGAAACAAAC ACCTGGCGGC CGTGCCTTGA AATTCTATTG

651 700

1 TTCTGTCCGC CTTGAAGTGC GCCCGCGCAGA GCAGCTGAAA CAAGGCAACG
 2 TTCCGTGCGT CTTGAAGTGC GCCGTGCCGA GCAATTAAAG CAGGGCAACG
 3 TTCCGTGCGT CTTGAAGTGC GCCGTGCTGA ACAGCTGAAA CAAGGCAACG
 4 TTCCGTGCGT CTTGAAGTGC GCCGTGCTGA ACAGCTGAAA CAAGGCAACG

Figure 2 / Part III

701 750

1 ACGTCATGGG GAACAAGACG AAAATCAAAG TCGTAAAAAA CAAAGTGGCA
 2 ACGTTATGGG GAATAAAAACG AGAATTAAAG TCGTAAAAAA CAAAGTCGCT
 3 ACGTAATGGG GAACAAAAACG AAAATCAAAG TCGTAAAAAA CAAGGTGGCT
 4 ACGTAATGGG GAACAAAAACG AAAATCAAAG TCGTAAAAAA CAAGGTGGCT

751 800

1 CCTCCATTCC GGACAGCCGA AGTGGACATT ATGTACGGGG AAGGAATTTC
 2 CCTCCGTTCC GTACGGCTGA AGTGGACATT ATGTACGGTG AAGGAATCTC
 3 CCGCCGTTCC GTACAGCCGA GGTGACATT ATGTACGGAG AAGGCATTC
 4 CCGCCGTTCC GTACAGCCGA GGTGACATT ATGTACGGAG AAGGCATTC

801 850

1 AAAAGAAGGG GAAATCATCG ACCTCGGAAC AGAGCCTTGAC ATCGTTCAAA
 2 CAAAGAAGGG GAAATCATCG ACCCTGGAAC TGAACTTGAT ATCGTGCAGA
 3 AAAAGAAGGC GAAATCATTG ATCTAGGAAC TGAACTTGAT ATCGTGCAGA
 4 AAAAGAAGGC GAAATCATTG ATCTAGGAAC TGAACTTGAT ATCGTGCAGA

851 900

1 AGAGCGGTGC ATGGTACTCT TATCAGGAGG AACGCCCTGG ACAAGGCCGT
 2 AAAGCGGCTC GTGGTATTCT TATGAAGAAC AACGCCCTGG ACAGGGCCGT
 3 AAAGCGGTTG ATGGTACTCT TATGAAGAAC AGCGCTTGG CCAAGGCCGT
 4 AAAGCGGTTG ATGGTACTCT TATGAAGAAC AGCGCTTGG CCAAGGCCGT

901 950

1 GAAAACGCCA AACAGTTCTT GAAAGAAAAC AAGGATATCC TTTTGATGAT
 2 GAAAACGCCA AGCAGTTCTT AAAAGAAAAT AAAGACATCA TGCTGATGAT
 3 GAAAATGCAA AACAAATTCTT GAAAGAAAAT AAAGATATCA TGCTGATGAT
 4 GAAAATGCAA AACAAATTCTT GAAAGAAAAT AAAGATATCA TGCTGATGAT

951 1000

1 TCAAGAGCAG ATCCGGGAGC ACTACGGTTT GGATAACTGGA GGCGCTGCTC
 2 TCAAGAACAA ATCCGTGAAC ATTACGGTTT GGACAATAAC GGTGTTAC..
 3 CCAGGAGCAA ATT CGCGAAC ATTACGGCTT GGATAATAAC GGAGTAGTGC
 4 CCAGGAGCAA ATT CGCGAAC ATTACGGCTT GGATAATAAC GGAGTAGTGC

1001 1050

1 CTGCACAGGA AGACGAGGCC CAAGCTCAGG AAGAACTCGA GTTTTAATCA
 2GGA AAAAGCGGAA GAAGTTCAGG AAGAGCTTGA ATT CGAAGAA
 3AGCA GCAAGCTGAA GAGACACAAG AAGAACTCGA ATT TGAAAGAA
 4AGCA GCAAGCTGAA GAGACACAAG AAGAACTCGA ATT TGAAAGAA

1051

1 TGA
 2 TAA
 3 ...
 4 TAA

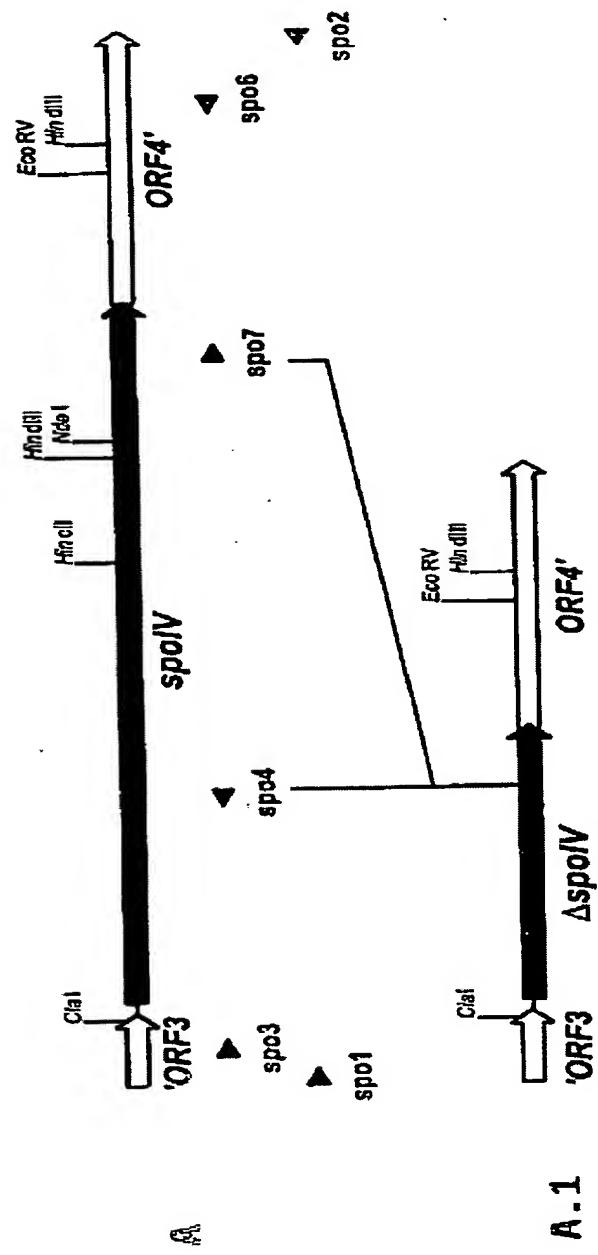
Figure 3**A**

Figure 3

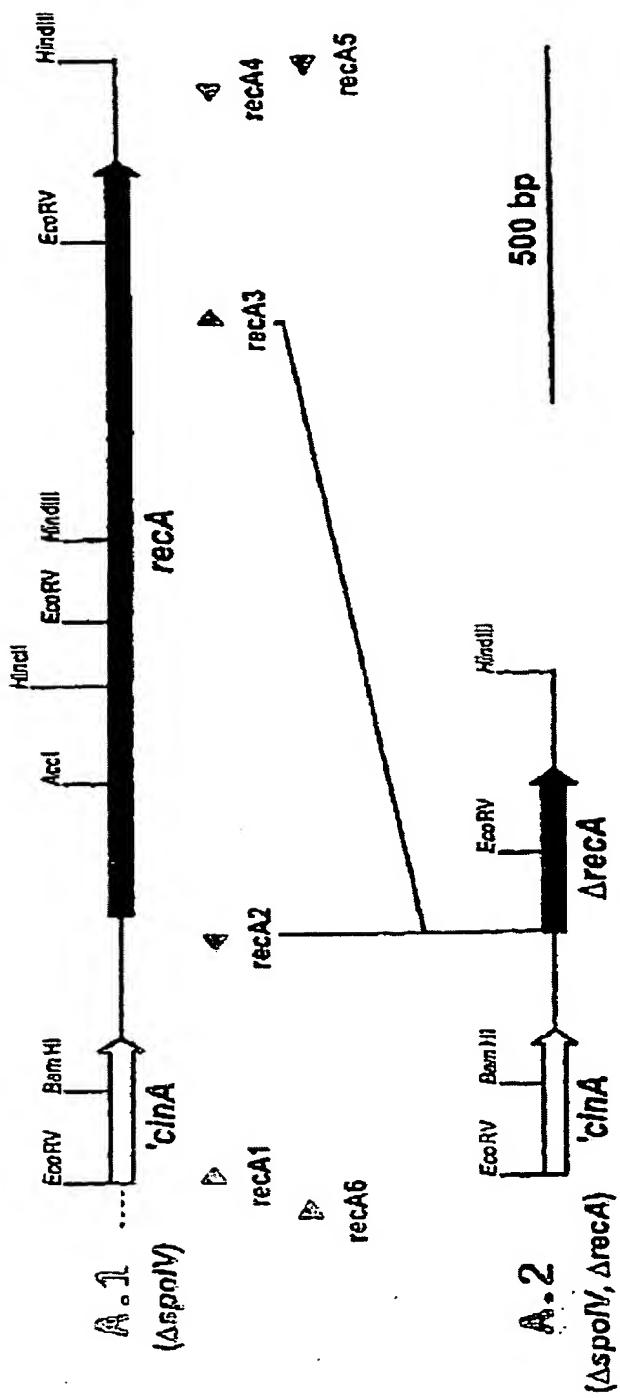
B

Figure 4

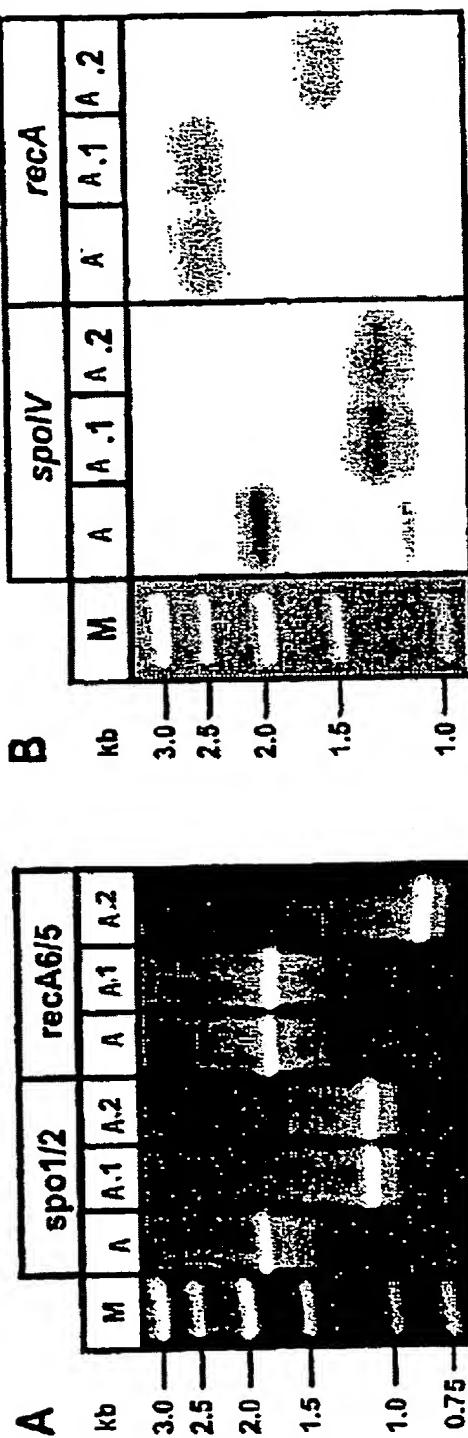


Figure 5

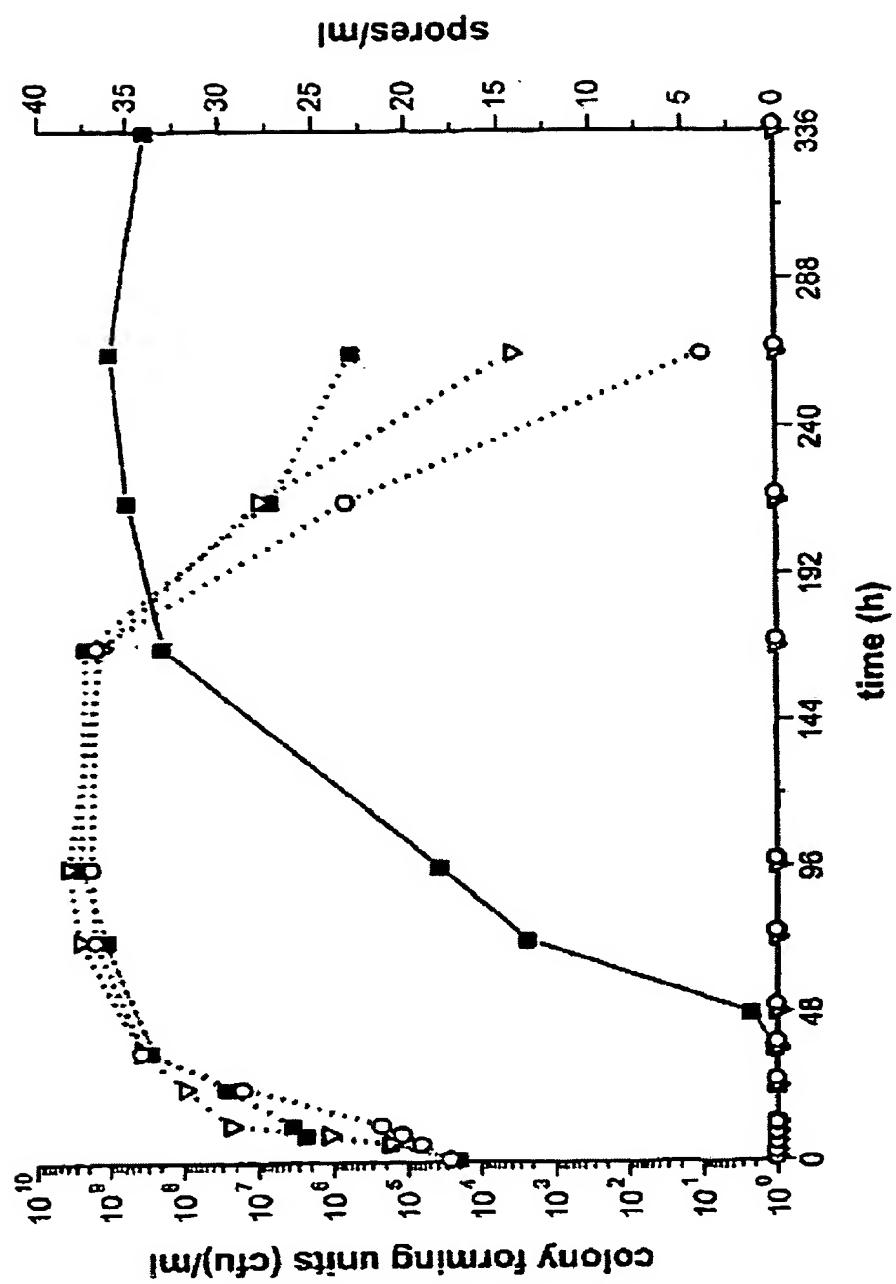


Figure 6

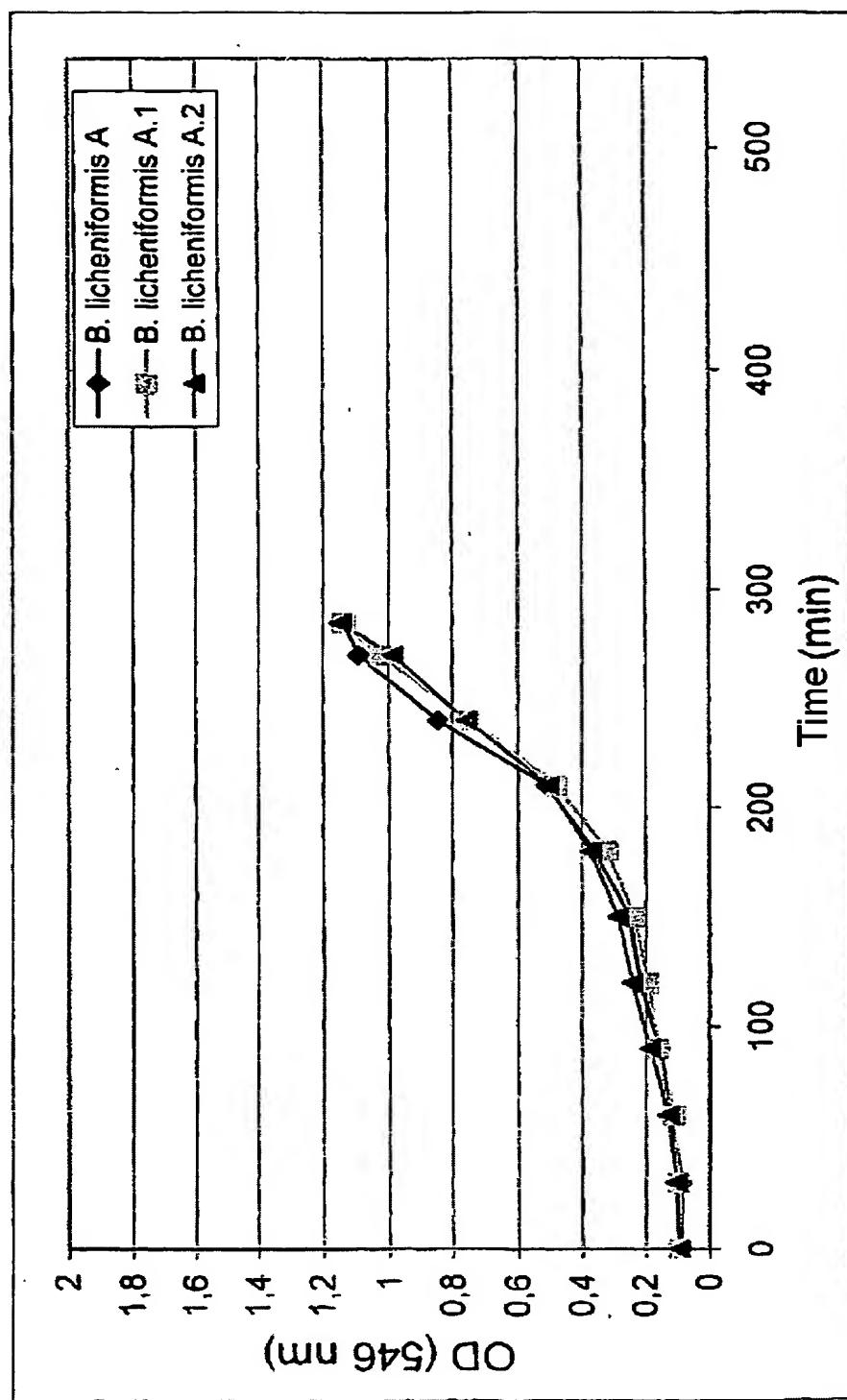
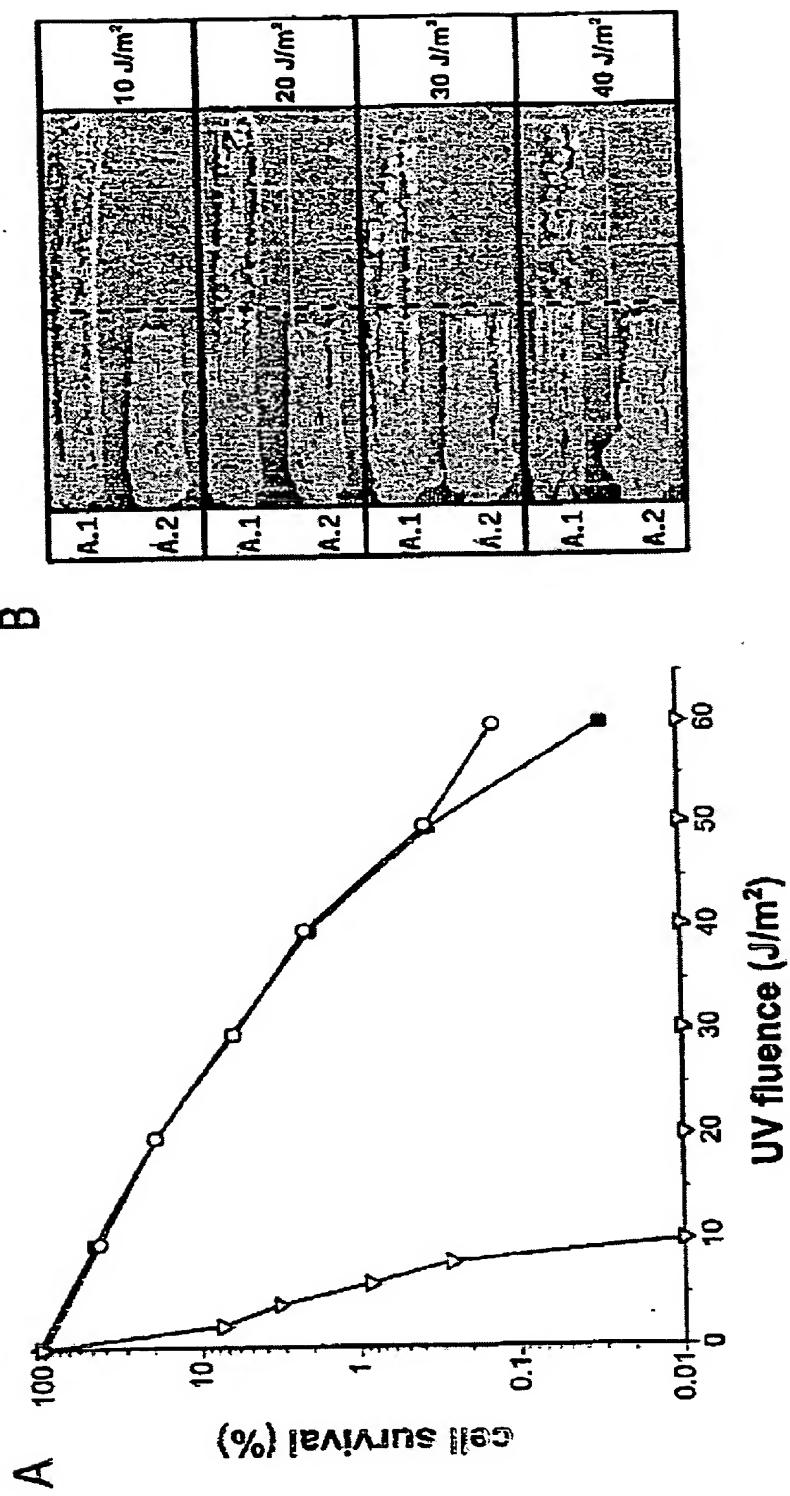


Figure 7



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